

20010819.qrp v02_n286.qrl.20010819

Date: Sun, 19 Aug 2001 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2286

QRP-L Digest 2286

Topics covered in this issue include:

- 1) [105154] Using Double-Run Coax as Balanced Feeders?
by <mjfitz@uswest.net>
- 2) [105155] Re: Not receiving any posts
by "David & Jo Ann Lininger" <djlinin@positech.net>
- 3) [105156] Re: Using Double-Run Coax as Balanced Feeders?
by K5BDZ@aol.com
- 4) [105157] vibroplex info needed , qrp F/S
by K4NK@aol.com
- 5) [105158] JH4UYB is booming into MidWest
by "TC Dufresne" <tdufresne@neb.rr.com>
- 6) [105159] Re: Problem with Tentec reflector?
by "Jim FitzSimons" <cherry@getnet.net>
- 7) [105160] Fw: JH4UYB is booming into MidWest
by "TC Dufresne" <tdufresne@neb.rr.com>
- 8) [105161] get on 30m!
by John Wagner <john@wagner-usa.net>
- 9) [105162] Re: FOX: N2WW's streak
by KB7WW Art Moe <kb7ww@uswest.net>
- 10) [105163] Re: vibroplex info needed , qrp F/S
by "Gary O. Lyons" <drgary@urx.com>
- 11) [105164] FS: MP-1, MFJ-259B, Pace solder station...
by Patrick Armstrong <aa7fg@gte.net>
- 12) [105165] New web site devoted to Direct Conversion Technology
by "Steve Farthing" <stephen@stevef.demon.co.uk>
- 13) [105166] Re: Slingshots
by "blinn" <blinn@smgazette.com>
- 14) [105167] RE: Problem with Tentec reflector?
by Mark <mroldradios@snet.net>
- 15) [105168] G5RV article and question
by ARDUJENSKI@aol.com
- 16) [105169] Tune Switch for IC-718
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 17) [105170] Re: G5RV article and question
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [105171] 10.106 or 10.116?
by "N7SG K7FD" <k7fd@hotmail.com>
- 19) [105172] 30M newbie question!

- by "N7SG K7FD" <k7fd@hotmail.com>
- 20) [105173] re: slingshots - caution
by "Dave Benham" <dodgeboy@mindspring.com>
- 21) [105174] Re: 10.106 or 10.116?
by "Karl F. Larsen" <k5di@zianet.com>
- 22) [105175] Re: slingshots - caution
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 23) [105176] Reminder: NM State ARRL Convention Aug. 25 & 26
by jaywa5whn@juno.com
- 24) [105177] Re: 10.106 or 10.116?
by William R Colbert <w5xe@juno.com>
- 25) [105178] Re: slingshots - caution
by Phil Wheeler <w7ox@earthlink.net>
- 26) [105179] Antenna info
by ARDUJENSKI@aol.com
- 27) [105180] Re: Slingshots
by Dave Fouchey <dafouchey@home.com>
- 28) [105181] Re: Tune Switch for IC-718
by "George, W5YR" <w5yr@att.net>
- 29) [105182] Re: Using Double-Run Coax as Balanced Feeders?
by K5BDZ@aol.com
- 30) [105183] F/S qrp & Keys
by K4NK@aol.com

Date: Sat, 18 Aug 2001 18:31:59 -0500
From: <mjfitz@uswest.net>
To: qrp-l@Lehigh.EDU
Subject: [105154] Using Double-Run Coax as Balanced Feeders?
Message-ID: <3B7EFAEF.3698A66@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks...

Got into a "discussion" today with a fellow club-member who fancies himself as a real antenna expert since all his antennas work just fine...

I need a reference/explanation (since he doesn't believe me nor my shade-tree "reasoning") that describes the loss when using two parallel runs of coax as a balanced run, like you might use to bring it thru a wall from a balun to a tuner... He is telling everyone he meets that using coax like this is low loss just like the open wire line, and I do believe I have learned differently right here...

I sez (learned) there can be loss due to high SWR on the coax since the braids are both connected to ground at the tuner (leaving the other ends floating but connected together at the balun end. I know I have seen this stated several times... it's like running your balanced line closely against a large grounded metal object for the same length as the coax in question.

Now, if the run of coax feeder is relatively short then the losses will be inconsequential in most cases, but by doing this you loose the low-loss advantage that open-wire feeders provide for that length where the coax replaces the open wire line, right?

Kinda looked around on W4RNL's site and didn't see anything about this specifically, so can anybody help me out here? How about some of the Phds/RF engineers/ techs on the list?

Admittedly, I just want to pop this guy's (hot air) balloon, and maybe slow down the spread of bad information to others...there's enough of it out there as it is...

thanks
Mike NOMF

Date: Sat, 18 Aug 2001 20:00:54 -0500
From: "David & Jo Ann Lininger" <djlinin@positech.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, elbc@pivot.net
Subject: [105155] Re: Not receiving any posts
Message-ID: <3B7EC976.15934.3A0503@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Came in fine here.

Date sent: Sat, 18 Aug 2001 14:08:38 -0400
Send reply to: elbc@pivot.net

From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Not receiving any posts
Originally to: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> If this gets to the list some email me and let me know I've not received any
> posts since late last evening.
>
> Thanks , 73 Dave kc1di
> elbc@pivot.net
>
>
>

73

David, KBOZKE
kb0zke@arrl.net

Date: Sat, 18 Aug 2001 21:09:44 EDT
From: K5BDZ@aol.com
To: mjfitz@uswest.net, qrp-l@lehigh.edu
Subject: [105156] Re: Using Double-Run Coax as Balanced Feeders?
Message-ID: <2d.1038f61c.28b06bd8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, before you go trying to pop a "pompus balloon" get a little experience under your belt with the twin coax feedlines!!!

Consider these little points:

1. Coax feed lines (twin or single) can run at many angles, around metal objects, etc. and still bring in great signals - and transmit also - without near proximity to metal problems.
2. Coax feed lines (twin or single) can run alongside house wiring / telephone wiring, etc with little effect under normal circumstances. (How's your computer hookup?? Dial up or otherwise over phone lines?)

I can list about 50 more reasons, NONE of which are theory, ALL of which are based on practical application.

Now here comes the story part.... about 8 years ago I had a 30' high middle, 18' high each leg, dog-legged, off center fed, non-resonate dipole type

antenna fed with 30 feet of openwire to the house and then inside with about 15 feet of twin coax (92 Ohm each leg). Johnson Matchbox. My nephew had just received his General Class in the mail, so we fired up my Icom 751 (Barefooted) and he worked the first 20 meter SSB station he heard... Joe in India, giving us a 5x9 signal and a 30 minute QSO with my nephew. From Houston to India. There are hams that still tell me "It can't be done"...based purely on theory.

Like I said... a little experience might be advisable before you bet too heavy on a bunch of theory!

Bill K5BDZ

Date: Sat, 18 Aug 2001 21:53:45 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [105157] vibroplex info needed , qrp F/S
Message-ID: <10f.4034e30.28b07629@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello QRPers;

I have just been given another estate to sell for an old timers family. There are several Vibroplex bugs etc in the boxes. I wonder what the age difference is between those made with the New York address and those with the Brooklyn address. I will let QRPers have first dibs on the keys and list them tomorrow. There are also four HF rigs etc, etc.

For Sale I have a S&S engineering ARK-4 qrp transceiver ...40 Meters...Very nice condx. works fine with full manual
.....\$75.00 shipped in USA

Thanks Les K4NK

Date: Sun, 19 Aug 2001 02:27:55 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [105158] JH4UYB is booming into MidWest
Message-ID: <00db01c1284e\$2ca2a020\$0dba1c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Happy dance! I just got JH4, from Hiroshima, Japan, with my 3 watts! I was using my Radio Shack DX398 as a receiver, and there he was.

Not band for a homebrew!

Tom

KC0GXX

Date: Sat, 18 Aug 2001 19:41:59 -0700
From: "Jim FitzSimons" <cherry@getnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105159] Re: Problem with Tentec reflector?
Message-ID: <01f601c12858\$8598c7e0\$a222893f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I sent a response and it worked, but I have not got any response for about a week.

Jim W7ANF

----- Original Message -----

From: "Mark" <mroldradios@snet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, August 18, 2001 3:30 AM
Subject: Problem with Tentec reflector?

> Anyone here have a clue what is going on with the Tentec list at
> contesting.com? I have
> tried for months to subscribe but only get a response saying I must be
> approved by the list
> admin, which never happens. I've never had any issues with them. I tried
> contacting the "list owner" but no response there either.
>
> Of course, ever since the early 70's, I've used Tentec gear for QRP use.
> Just so you don't
> think this question is totally off topic. :)
>
> Thanks for any ideas,
> Mark N1MG
>
>
>

Date: Sun, 19 Aug 2001 02:45:23 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [105160] Fw: JH4UYB is booming into MidWest
Message-ID: <00ee01c12850\$9d0c2c80\$0dba1c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

sorry all! I got so happy I forgot the details.
Time was 0223z, 08/19/01, freq was 21.061mHz.

----- Original Message -----
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, August 19, 2001 2:27 AM
Subject: JH4UYB is booming into MidWest

> Happy dance! I just got JH4, from Hiroshima, Japan, with my 3 watts! I was
> using my Radio Shack DX398 as a receiver, and there he was.
> Not band for a homebrew!
> Tom
> KC0GXX
>

Date: Sat, 18 Aug 2001 22:58:41 -0400
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105161] get on 30m!
Message-ID: <3B7F2B61.B6C449FE@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I've been spending a lot of time with the MH101 SW-30+ lately,
especially since I wired in the RIT and K8IQY's 500hz 4-pole filter.
I've been keeping a log of states worked, hoping to get a WAS on the rig
(not QSL'ing, just keeping the log for my curiosity). Anyway, I haven't

been able to pull in many states lately 'cause it's all DX these days!
OM's, OK's, DL's and F's - incredible signals and they're all giving me
559's - 599's.

Actually I worked PA earlier, so I guess there is some stateside fun to
be had as well. ;)

So check out 30m if you get a chance. If you don't hear anyone then call
CQ, you never know who will come back to you!

73 de John, N1Q0

--

John Wagner - john@wagner-usa.net

Web page: <http://www.neknetwork.com>

Date: Sat, 18 Aug 2001 20:03:52 -0700
From: KB7WW Art Moe <kb7ww@uswest.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105162] Re: FOX: N2WW's streak
Message-ID: <3B7F2C98.816844C6@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When Larry either switched his antenna or turned it west at about 0240 he was
a one shot pelt. Earlier he was 1 db above ESP at best.

Still having Noise problems hear but have found that I can null it out
by receiving on the 6 meter beam it is very inefficient on 20 meters
but the null helps greatly. Kinda like using a shielded loop on 80 or 160

Still can't get the power company to fix the problem. There Tech says he has
found it but as yet no crew has showed up to fix it.

> Marshall Emm wrote:

> >

> > Hi, guys--

> >

> > Remember my pre-hunt contention that 250 QSO's should be possible in a
foxhunt?

> > Larry N2WW just told me that his rate was THREE per MINUTE for the first 20

> > minutes of the hunt. OK, the guy is a top international contester, and DXer,

> > and DXpeditioner, so he knows his way around a pileup from either side, but I

> > sure wish there were some way to push him in a Fox Hunt.

Date: Sun, 19 Aug 2001 03:56:00 -0700
From: "Gary O. Lyons" <drgary@urx.com>
To: <qrp-l@Lehigh.EDU>
Subject: [105163] Re: vibroplex info needed , qrp F/S
Message-ID: <000101c1289d\$8985ac20\$59d56bce@G_Lyons>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="utf-8"
Content-Transfer-Encoding: 7bit

Les,

If you go to the Vibroplex website at <http://www.vibroplex.com/>
and scroll down to the bottom of the page you will find a link labelled
"Date your key." When you enter the serial number the database will provide
the date of manufacture for you.

72,
Gary/NQ7T

Date: Sun, 19 Aug 2001 12:15:43 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [105164] FS: MP-1, MFJ-259B, Pace solder station...
Message-ID: <3B80105E.D9BCAB5B@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Super Antennas MP-1 40-10 portable vertical with tripod mount and 50'
RG-8x w/ connectors new in the box... \$150.00

MFJ-259B antenna analyzer new in the box... \$175.00

Pace solder station model ST-20A (analog temp control) w/ extra tips
brand new... \$90.00

Bencher BY-2 iambic paddles with chrome base. Offered in "as new" condx
with box... \$75.00

Thanks,

Pat, AA7FG - Oregon

Date: Sun, 19 Aug 2001 15:15:35 +0100
From: "Steve Farthing" <stephen@stevef.demon.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "Verduyn Jan-qswi296" <Jan.Verduyn@motorola.com>, "Alan Rowe"
<alan@rowe9.freemove.co.uk>
Subject: [105165] New web site devoted to Direct Conversion Technology
Message-ID: <MABBLGJEEFHCJIEHNCOFEELHCEAA.stephen@stevef.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

In the next two weeks or so I plan to build a web site devoted to Direct Conversion (DC) radios. It will incorporate all of the material describing our QRP2000 project. For those that do not know the QRP2000 is a successful implementation of a phasing DC radio based on the KK7B R2/T2 modules, using a synthesised VFO. It covers 1.8-30 MHz. It was shown at FIDM99.

In addition it will start to document the QRP2001 a simpler design of higher performance. The QRP20001 is an advanced stage of development. An early prototype featured in Sprat last year.

I am anxious to include as much information on DC radios, old and new as I can get hold of. So if you have anything to contribute please contact me, off list. I am especially interested in single signal direct conversion designs.

The objective is for the site to provide a resource for QRPers interested in building DC radios.

Thank you for your time.

Steve G0XAR on behalf of G0BBL and G7PUB, the QRP2000/2001 design team

Date: Sun, 19 Aug 2001 13:20:24 -0700
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105166] Re: Slingshots

Message-ID: <001001c128ec\$62640700\$a0b8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Been building mine since I was a kid. Back when the old red and light tan innertubes were available, ahhh... those were the best years. Then the synthetics took over and good rubber was hard to find. But some years ago I discovered that most office supply stores carry a line of rubber bands that have a good "snap" to them, and they are available in just the right size (about 5/8" wide and 12" inches long when cut.). So, in keeping with home brew, the rubber bands, a forked limb for the stock and a piece of old shoe tongue is all you need to build a great antenna launching slingshot. (When I was a kid it was used to bring down ruffed grouse, pheasants and a duck or two!)

I take my light spinning rod and reel, attach about 1/2 ounce sinker and trip the bail then while holding the rod between my legs with the tip of the rod pointed toward the target I shoot the sinker over a limb. Then, with the 4 pound test line, I pull back some 40 or 50 pound test monofilament, attach the center of my dipole and pull it up with the RG 58 feedline dangling from the center insulator. Then it's a simple matter of tying the ends off to any suitable support. (My campground antenna, usually a 40 meter dipole but sometimes one for twenty.)

Bill - WA7TQK

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Date: Sun, 19 Aug 2001 08:48:11 -0400
From: Mark <mroldrados@snet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [105167] RE: Problem with Tentec reflector?
Message-ID: <3.0.6.32.20010819084811.007a6e90@pop.snet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This thread comes to a happy end. Thanks to advice from several listmembers, especially Cap and Jake, I learned that there had been some changeovers in the list, and the new way to subscribe is below. I did get the message I was denied

without my call and name, but with an email like "mroldrados" I guess the admin decided I wasn't a spammer and I am getting the mailings now. Thanks for the help all and 73. Now, time to crank the Triton IV down to 5 watts... Mark N1MG
TT list: <http://lists.contesting.com/mailman/listinfo/tentec>

Date: Sun, 19 Aug 2001 15:23:51 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [105168] G5RV article and question
Message-ID: <ff.ae268d4.28b16c47@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I came across this article on G5RV matching that may be of interest to some. Although both Varney and Cebik recommend feeding all the way with balanced line, some installations may not be amenable to your location and you need the coax feed in.

QUESTION: Some articles show 75 ohm vs 50 ohm coax. Does it make a difference?

Alan KB7MBI in Woodinville, WA

<http://www.geocities.com/CapeCanaveral/8476/standard.htm>

Date: Sun, 19 Aug 2001 17:28:55 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: qrp-l@lehigh.edu
Subject: [105169] Tune Switch for IC-718
Message-ID: <3B7FF757.10665.11383CC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Near as I can tell, Icom forgot to include a tune switch on the 718 (my mobile rig..also capable of running qrp). If you want to switch the carrier on, you need to hook up a j38 or equivalent and short out the contacts.

Gets old in a hurry.

The keyer jack on the back of the 718 accepts a quarter inch phono plug. I made a trip down to the local radio shack and purchased a plug along with a subminiature toggle switch. The switch was wired so that closing the switch shorts out the phono plug contacts. The switch fit nicely into the opening at the end of the jack where the cable usually comes out.

Voila...now I have a tuning switch for my 718. I plug the the phono plug into the jack and close the subminiature toggle switch when I need to tune.

For my next iteration, I am gonna look for a subminiature push button switch and see if I can use that. Problem is that all of the subminiature push button switches seem to have momentary contacts. I am too cheap to send off to Allied or Newark so I'll keep looking at the local hamfests.

Henry

Date: Sun, 19 Aug 2001 15:33:39 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <ARDUJENSKI@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105170] Re: G5RV article and question
Message-ID: <Pine.LNX.4.33.0108191529530.1654-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The G5RV antenna is a complete antenna with feedline. Cebik suggests that the antenna can be modified to function better if you feed the twin lead with a tuner directly. My modeling suggests this too.

But the G5RV antenna has 29 feet of 300 ohm ribbon connected ugly style to some random length of RG-58 coax. The antenna proper is I recall 102 feet long.

On Sun, 19 Aug 2001 ARDUJENSKI@aol.com wrote:

> I came across this article on G5RV matching that may be of interest to some.
> Although both Varney and Cebik recommend feeding all teh way with balanced
> line, some installations may not be ammenable to your location and you need
> the coax feed in.

>
> QUESTION: Some articles show 75 ohm vs 50 ohm coax. Does it make a
> difference?
>
> Alan KB7MBI in Woodinville, WA
>
> <http://www.geocities.com/CapeCanaveral/8476/standard.htm>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 19 Aug 2001 13:06:23 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [105171] 10.106 or 10.116?
Message-ID: <F194IvdeCy7xFVlq0Z00000a957@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Sorry if this posts twice...I'm having a bad ISP day here!

My question remains, where's the most stateside qrp activity, on 10.106MHz or 10.116MHz? I've seen both listed on the web as qrp frequencies, with 106 mentioned as being qrm'ed by rtty...

Thanks!

John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 19 Aug 2001 11:09:20 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [105172] 30M newbie question!
Message-ID: <F220dhQYZkx0jmfCHJr0000a865@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I'm just wrapping up the SST/Thirty here...

...what's the best qrp calling frequency on 30m? 10.106 or 10.116? I currently have it setup for 10.116Mhz. My internet search shows some most towards 10.116Mhz...but just double checking with the 30m pro's out there before I finish up and tie her down with duct tape... ;)

I am primarily interested in stateside activity, btw...

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 19 Aug 2001 17:44:33 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [105173] re: slingshots - caution
Message-ID: <002c01c128f8\$23203bc0\$6ad479a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For what it's worth, a word of caution about the use of slingshots. Those slingshots using rubber bands made of surgical tubing can age deceptively (i.e., you can't always tell they have aged by the appearance) and let go. At Field Day this year two of those used in our club "popped" giving one guy a fat cut lip and a fear of ever using one again. Mine fortunately let go "on the fly" and didn't snap back in my face.

Given these experiences, I don't think I'd ever use a slingshot again without some sort of full face protection. Another alternative might be to replace the surgical tubing every year.

Dave K8TRF

Date: Sun, 19 Aug 2001 15:47:51 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: N7SG K7FD <k7fd@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [105174] Re: 10.106 or 10.116?
Message-ID: <Pine.LNX.4.33.0108191545420.1688-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Everything about Microsoft is bad. They could buy Time/AOL and it would start having weird problems in a week...:-)

The 30 meter QRP frequency is that which DX answers you on.

On Sun, 19 Aug 2001, N7SG K7FD wrote:

> Sorry if this posts twice...I'm having a bad ISP day here!
>
> My question remains, where's the most stateside qrp activity, on 10.106MHz
> or 10.116MHz? I've seen both listed on the web as qrp frequencies, with 106
> mentioned as being qrm'ed by rtty...
>
> Thanks!
>
> John K7FD
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 19 Aug 2001 18:07:41 -0400
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: <dodgeboy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105175] Re: slingshots - caution
Message-ID: <008601c128fc\$1dd5b920\$7ff4fea9@olitsky>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to echo Dave's thoughts. Slingshots are potentially dangerous weapons to those using them. I have had the displeasure of taking care of a few people who found that out the hard way....although I have used mine for antenna projects...I would strongly suggest using good eye protection when doing so

Scott
AC3A

----- Original Message -----

From: "Dave Benham" <dodgeboy@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, August 19, 2001 5:44 PM
Subject: re: slingshots - caution

> For what it's worth, a word of caution about the use of slingshots. Those
> slingshots using rubber bands made of surgical tubing can age deceptively
> (i.e., you can't always tell they have aged by the appearance) and let go.
> At Field Day this year two of those used in our club "popped" giving one
guy
> a fat cut lip and a fear of ever using one again. Mine fortunately let go
> "on the fly" and didn't snap back in my face.
>
> Given these experiences, I don't think I'd ever use a slingshot again
> without some sort of full face protection. Another alternative might be
to
> replace the surgical tubing every year.
>
> Dave K8TRF
>

Date: Sun, 19 Aug 2001 16:22:36 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [105176] Reminder: NM State ARRL Convention Aug. 25 & 26
Message-ID: <20010819.162245.-638623.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

<http://www.qsl.net/dchf/>

KK6MC, NA5N & I believe AA5B will talk about his Wheeler Peak {highest

peak in NM} qrp expedition.

NA5N will also talk about propagation, in a later session.

qrp vhf freq. -- 146.42 MHz FM simplex.

Saturday evening, after the hamfest, a few of us will be heading north to have a qrp campout 1.1 miles SE of San Gregorio Reservoir {DM66} @ 9,500+ feet asl, 70+ feet tall Ponderosa pines. We will be on 20, 30 & 40 meters PSK/CW modes.

C U there & on the air ...Jay, WA5WHN DM65qd Albuquerque,
NM USA

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 19 Aug 2001 16:28:24 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [105177] Re: 10.106 or 10.116?
Message-ID: <20010819.162825.-318797.8.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Most of the organizations ARE recommending 10.116
as the qrp calling frequency - 10.106 was first suggested
but the U.S. Navy rtty station on 10.105, LOL General Pacheco
Radio on 10.107 with phone calls and at least 10KW make
10.106 most difficult at times. The Gqrp list is also indicating
that 10.116 be preferred, and I think the G- novice stations
can hit that freq as well.

73

Ray

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sun, 19 Aug 2001 15:27:53 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: solitsky@acsu.buffalo.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [105178] Re: slingshots - caution
Message-ID: <3B803D69.67A031B6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As a longtime slingshot user (not for antenna projects, though), I've learned that proper storage is a must .. if you want to avoid deterioration of the rubber.

Phil W7OX

"Scott E. Olitsky" wrote:

>
> I would like to echo Dave's thoughts. Slingshots are potentially dangerous
> weapons to those using them. I have had the displeasure of taking care of a
> few people who found that out the hard way....although I have used mine for
> antenna projects...I would strongly suggest using good eye protection when
> doing so
>

> Scott
> AC3A

> ----- Original Message -----

> From: "Dave Benham" <dodgeboy@mindspring.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Sunday, August 19, 2001 5:44 PM
> Subject: re: slingshots - caution
>

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> > slingshots using rubber bands made of surgical tubing can age deceptively
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> > Given these experiences, I don't think I'd ever use a slingshot again
> > without some sort of full face protection. Another alternative might be
> > to
> > replace the surgical tubing every year.

> >
> >

> > Dave K8TRF
> >

Date: Sun, 19 Aug 2001 02:19:24 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [105179] Antenna info
Message-ID: <62.12c0a25a.28b0b46c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Interesting lightweight antennas--Alan KB7MBI

<http://www.qsl.net/kq6xa/antenna/>

Date: Sun, 19 Aug 2001 18:36:17 -0400
From: Dave Fouchey <dafouchey@home.com>
To: blinn@smgazette.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [105180] Re: Slingshots
Message-ID: <4.1.20010819183431.009899d0@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've always been partial to rubber surgical tubing, a good hickory or ash forked stick and a slab of leather from an old shoe.

Cheers!

Dave
WA4EMR/8

At 01:20 PM 8/19/2001 -0700, blinn wrote:

>Been building mine since I was a kid. Back when the old red and light tan
>innertubes were available, ahhh... those were the best years. Then the
>synthetics took over and good rubber was hard to find. But some years ago I
>discovered that most office supply stores carry a line of rubber bands that
>have a good "snap" to them, and they are available in just the right size
>(about 5/8" wide and 12" inches long when cut.). So, in keeping with home
>brew, the rubber bands, a forked limb for the stock and a piece of old shoe
>tongue is all
>you need to build a great antenna launching slingshot. (When I was a kid
>it was used to bring down ruffed grouse, pheasants and a duck or two!)

>I take my light spinning rod and reel, attach about 1/2 ounce sinker and
>trip the bail then while holding the rod between my legs with the tip of the
>rod
>pointed toward the target I shoot the sinker over a limb. Then, with the 4
>pound test line, I pull back some 40 or 50 pound test monofilament, attach
>the center of my dipole and pull it up with the RG 58 feedline dangling from
>the center insulator. Then it's a simple matter of tying the ends off to
>any suitable support. (My campground antenna, usually a 40 meter dipole
>but sometimes one for twenty.)

>
>Bill - WA7TQK

>
>
>
>
>--
>
>

Date: Sun, 19 Aug 2001 16:33:59 -0500
From: "George, W5YR" <w5yr@att.net>
To: henryf@quartz.gly.fsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [105181] Re: Tune Switch for IC-718
Message-ID: <3B8030C7.C7806BB7@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If the rig does AM or FM, just switch to that mode and key up. Such rigs
haven't had tune switches in years that I can remember.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Henry Freedenberg wrote:

>
> Near as I can tell, Icom forgot to include a tune switch on the 718
> (my mobile rig..also capable of running qrp). If you want to switch
> the carrier on, you need to hook up a j38 or equivalent and short
> out the contacts.

Date: Sun, 19 Aug 2001 12:06:39 EDT
From: K5BDZ@aol.com
To: dtx@wood.tzo.com, qrp-1@lehigh.edu
Subject: [105182] Re: Using Double-Run Coax as Balanced Feeders?
Message-ID: <fc.ae31768.28b13e0f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gary

Thanks for your diplomacy on this subject, such I failed to engender.

You're right in your comment. the dual coax does NOT offer the "low loss" of open wire. Nowhere near it. No question about that. (For those learning, the estimated impedance of dual coax feed is half the impedance of the single piece of coax. ALSO please use identical coax for such feeds, and not mix the coax impedance types unless you're doing it on purpose for needs of your own. i.e. twin lead made from two pieces of RG62 (92 ohm coax) should produce a dual-feedline impedance of 46 ohms according to theories). Antenna tuners with twin feed line capabilities should be used for these antennas.

The dual coax has a restricted usage for restricted locations, and high SWR will compromise your antenna system. Granted you may get only 50% of your power into the antenna in bad case situations, but it does work, however the losses, and in many instances works well regardless of the losses, if the antenna is good in all other aspects. If the aim is to work the world, and you feed 100 watts into a 50% efficient antenna, you can still work the world with 50 watts. The majority of the hams on the other end of the QSO can't tell the difference unless you tell them.

I laugh when I remember becoming a ham 46 years ago, when SWR was an unknown to the general ham community, and we determined our antenna efficiency by how well it worked DX or local rag-chewer groups (what ever our needs) rather than judging its effectiveness with theories and instrument measurements.

Also I try to remember that "Pride in making one's own," regardless of how well we as outsiders think it works, should be applauded not ridiculed by our fellow hams. If the other ham's attitude is not to one's liking, and his antenna "sucks" brag on him. The signal he puts into your rig under such circumstances could not enjoy a more effective "filter"...Ha!

Anyway Gary, Thanks again for your comments and your diplomacy.
Bill K5BDZ

Date: Sun, 19 Aug 2001 12:08:14 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [105183] F/S qrp & Keys
Message-ID: <11c.34f5765.28b13e6e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

QRPers;

Thanks to all of you who responded with info on vibroplex. I am still sorting those.

I would like to offer the following today.

Norcal BLT tuner UNBUILT\$33.00 shipped

Keys

Bug ..like a vibroplex but with cast base. On bottom of base is Electronic Speciality Mfg. Co. Cedar Rapids Iowa looks like 1920 -1940 vintage it is sold as is and needs a good cleaning but looks operational.

Heavy.....\$45.00 shipped

Hand key Tear Drop shaped chrome or stainless good condx but needs a good cleaning.\$25.00 shipped

J-38 nice base vy good condx.\$22.00 shipped

Speed-X with navy knob very nice\$22.00 shipped

I have more coming later LOTS OF Stuff

Rig Like new month old from estate SK.. Icom 706MK2G fellow bought it and passed away about month later

.....\$775.00

shipped

ThanksRev. Les Shattuck K4NK

End of QRP-L Digest 2286

